

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the

COMMUNICABLE DISEASE CENTER

Melrose 4-5131

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Atlanta 22, Georgia

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 18, 1961

Influenza — There have been no reports to date of influenza activity within the continental United States. Deaths due to pneumonia and influenza in 108 U. S. cities have remained within the expected limits of normal for the season.

Hepatitis — Continues at a high level of incidence.

EPIDEMIOLOGICAL REPORTS

Trichinosis — Louisiana

An outbreak of 11 cases of trichinosis occurring in a small community near Alexandria, Louisiana, has been reported by Dr. John M. Bruce, Chief, Epidemiology

Section, Louisiana State Board of Health. The eleven cases were among seven families and had all ingested raw smoked pork sausage prepared from the same hog. No deaths occurred, but 4 of the cases required hospitalization. In every case illness was marked by high fever and periorbital edema. All but one case experienced muscle pain and weakness, while all but two had chills and abdominal cramps. A mean incubation period of 11.6 days was recorded. In each of the four hospitalized patients eosinophilia was marked, ranging from 37 to 56 percent.

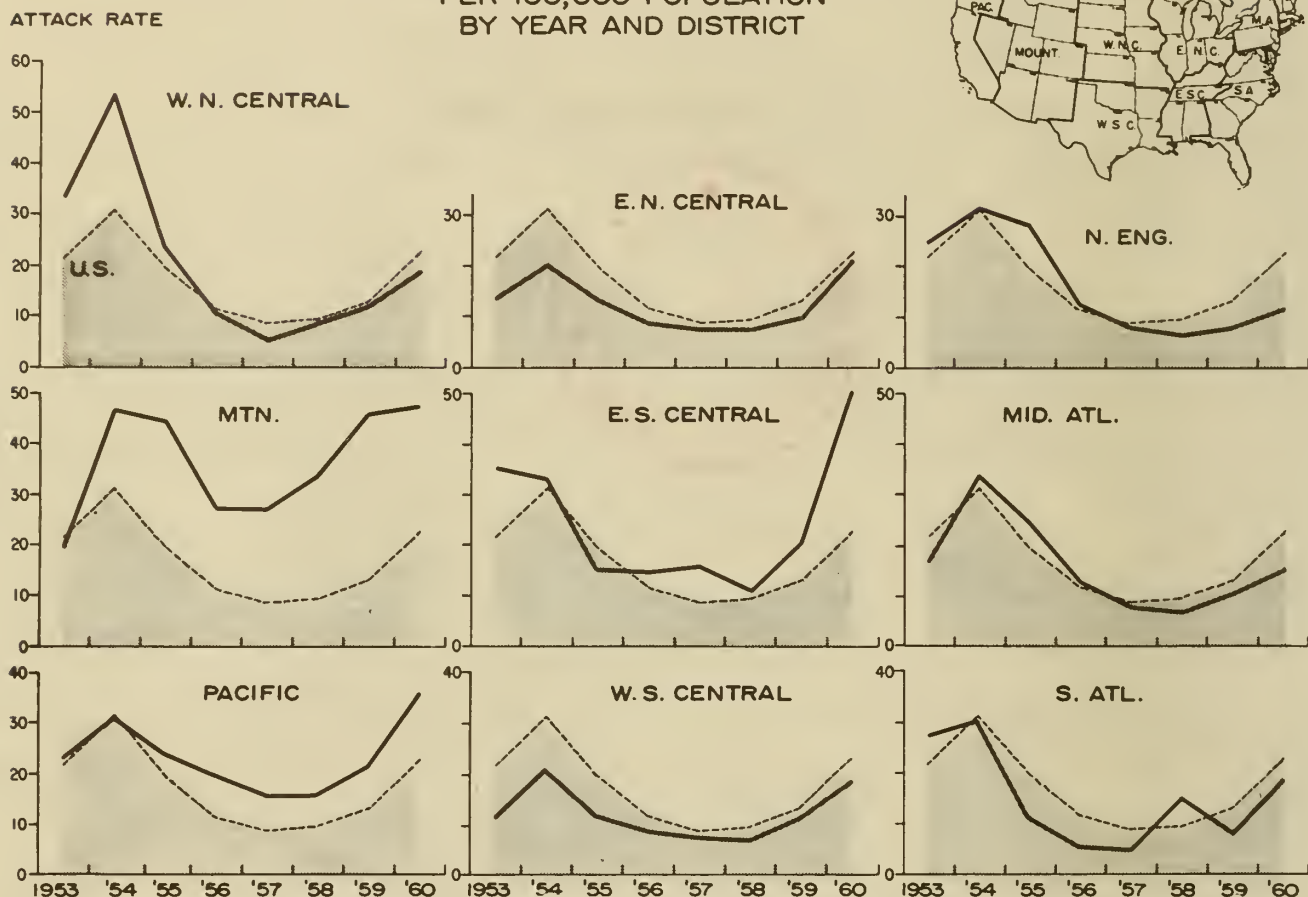
Trichinella spiralis larvae were detected both in the suspected sausage and in each of two patients on whom muscle biopsy was done.

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	7th Week			Cumulative						Approximate seasonal low point
	Ended Feb. 18, 1961	Ended Feb. 20, 1960	Median 1956-60	First 7 weeks			Since seasonal low week			
				1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
* Weekly incidence low or sporadic										
--- Data not available										
- Quantity zero										
Anthrax-----062	-	-	*	-	-	*	*	*	*	*
Botulism-----049.1	-	-	*	4	3	*	*	*	*	*
Brucellosis (undulant fever)-----044	5	23	13	56	114	97	*	*	*	*
Diphtheria-----055	10	17	17	139	144	148	719	674	881	July 1
Encephalitis, infectious-----082	16	15	19	147	171	137	147	171	137	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,743	828	504	11,455	5,128	3,513	26,658	13,041	8,514	Sept. 1
Malaria-----110-117	2	-	*	5	6	*	*	*	*	*
Measles-----085	11,824	10,666	14,087	65,749	61,296	69,163	101,959	97,996	103,317	Sept. 1
Meningitis, aseptic-----340 pt.	19	31	---	162	212	---	162	212	---	Jan. 1
Meningococcal infections-----057	34	57	71	353	377	385	1,007	1,032	1,186	Sept. 1
Poliomyelitis-----080	6	15	21	70	143	144	3,136	8,417	8,417	Apr. 1
Paralytic-----080.0,080.1	3	11	9	39	101	102	2,148	5,602	5,602	Apr. 1
Nonparalytic-----080.2	1	3	6	14	23	20	637	2,140	2,140	Apr. 1
Unspecified-----080.3	2	1	6	17	19	22	351	675	675	Apr. 1
Psittacosis-----096.2	2	5	*	7	12	*	*	*	*	*
Rabies in man-----094	-	-	*	2	-	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	9,893	8,289	---	63,995	59,629	---	161,647	---	---	Aug. 1
Typhoid fever-----040	8	12	14	53	63	104	755	790	1,116	Apr. 1
Typhus fever, endemic-----101	1	1	*	5	4	*	*	*	*	*
Rabies in animals-----	62	72	85	389	541	620	965	1,520	1,520	Oct. 1

Figure 1
REPORTED HEPATITIS ATTACK RATES
PER 100,000 POPULATION
BY YEAR AND DISTRICT



This figure shows annual incidence rates for reported cases of hepatitis for each of the 9 geographic divisions of the United States in comparison with the figures for the whole country for the 8-year period 1953 through 1960. Except for the Mountain States which have reported consistently high rates, the figures for the other divisions tend to follow the national data rather closely. A sharp increase was reported in the East South Central States in 1960.

The infected sausage was traced to a sow which had appeared sick for about one year and which was slaughtered about January 1, 1961. This sow had occasionally been fed uncooked garbage and had been in contact with hogs which died in the neighborhood.

Hepatitis - Ohio

An outbreak of 15 cases of hepatitis occurring during January in a rural elementary school in Harrison County, Ohio, an area in which no cases had been reported during the past three years, was investigated by the Ohio Department of Health. The majority of cases were first or second grade students and 11 cases were male.

The abrupt appearance of 15 cases of hepatitis in the group of 128 children and five adults suggested a common source outbreak. Investigation of the water supply, sani-

tary facilities, food preparation, and history of injections failed to indicate a common source. It was noted that the youngest children utilized the lavatories as play areas. In view of the age and sex distribution of cases it was postulated that the boys' lavatory may have served as the place of infection, and may explain the mode of spread.

Control measures including detection of unreported cases, immune globulin for family contacts, and increased emphasis on personal hygiene and environmental sanitation were instituted on January 19. No additional cases occurred during the two weeks following January 23.

(Submitted by Dr. Winslow J. Bashe, Jr., Chief, Division of Communicable Diseases, State of Ohio, Department of Health.)

(Continued on page 8)

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 20, 1960 AND FEBRUARY 18, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Menin- gitis, aseptic 340 pt.	Brucel- losis (undu- lant fever) 044
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic 080.2			
	7th Week		Cumulative, first 7 weeks		7th Week		Cumulative, first 7 weeks					
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES-----	6	15	70	143	3	11	39	101	1	3	19	5
NEW ENGLAND-----	1	-	1	5	1	-	1	5	-	-	-	-
Maine-----	-	-	-	1	-	-	-	1	-	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	-	4	-	-	-	4	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	1	-	1	-	1	-	1	-	-	-	-	-
MIDDLE ATLANTIC-----	1	1	7	27	1	1	6	19	-	-	-	-
New York-----	-	1	2	25	-	1	1	17	-	-	-	-
New Jersey-----	1	-	1	2	1	-	1	2	-	-	-	-
Pennsylvania-----	-	-	4	-	-	-	4	-	-	-	-	-
EAST NORTH CENTRAL-----	1	2	12	14	1	-	7	3	-	2	3	1
Ohio-----	-	1	7	11	-	-	3	2	-	1	-	-
Indiana-----	-	-	-	-	-	-	-	-	-	-	-	-
Illinois-----	-	1	2	2	-	-	2	1	-	1	2	1
Michigan-----	1	-	1	-	1	-	1	-	-	-	-	-
Wisconsin-----	-	-	2	1	-	-	1	-	-	-	1	-
WEST NORTH CENTRAL-----	-	3	1	8	-	2	1	5	-	-	3	3
Minnesota-----	-	1	1	4	-	1	1	4	-	-	3	1
Iowa-----	-	1	-	2	-	1	-	1	-	-	-	1
Missouri-----	-	1	-	1	-	-	-	-	-	-	-	-
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	1
South Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	-	-	-	-
Kansas-----	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	-	1	5	30	-	1	4	24	-	-	-	1
Delaware-----	-	-	1	-	-	-	1	-	-	-	-	-
Maryland-----	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	-	-	-	-	-	-	-	-	-	1
West Virginia-----	-	-	-	2	-	-	-	2	-	-	-	-
North Carolina-----	-	-	2	11	-	-	2	11	-	-	-	-
South Carolina-----	-	-	-	1	-	-	-	1	-	-	-	-
Georgia-----	-	-	-	1	-	-	-	1	-	-	-	-
Florida-----	-	1	2	15	-	1	1	9	-	-	-	-
EAST SOUTH CENTRAL-----	2	2	9	4	-	2	-	3	-	-	3	-
Kentucky-----	2	1	9	3	-	1	-	2	-	-	-	-
Tennessee-----	-	-	-	-	-	-	-	-	-	-	-	-
Alabama-----	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi-----	-	1	-	1	-	1	-	1	-	-	3	-
WEST SOUTH CENTRAL-----	-	1	8	8	-	1	4	6	-	-	4	-
Arkansas-----	-	-	1	-	-	-	-	-	-	-	-	-
Louisiana-----	-	-	3	3	-	-	2	2	-	-	-	-
Oklahoma-----	-	1	-	1	-	1	-	1	-	-	-	-
Texas-----	-	-	4	4	-	-	2	3	-	-	4	-
MOUNTAIN-----	-	2	12	8	-	1	7	4	-	1	1	-
Montana-----	-	-	1	4	-	-	1	3	-	-	-	-
Idaho-----	-	2	2	4	-	1	-	1	-	1	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	3	-	-	-	3	-	-	-	1	-
New Mexico-----	-	-	-	-	-	-	-	-	-	-	-	-
Arizona-----	-	-	2	-	-	-	1	-	-	-	-	-
Utah-----	-	-	4	-	-	-	2	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	3	15	39	-	3	9	32	1	-	5	-
Washington-----	-	-	-	3	-	-	-	3	-	-	1	-
Oregon-----	1	-	2	7	-	-	1	3	1	-	1	-
California-----	-	3	13	28	-	3	8	25	-	-	3	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	1	-	-	-	1	-	-	-	-
Puerto Rico-----	-	2	1	11	-	2	1	11	-	-	-	-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 20, 1960 AND FEBRUARY 18, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	7th Week		Cumulative, first 7 weeks		082		7th Week		Cumulative, first 7 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	10	17	139	144	16	15	1,743	828	11,455	5,128	11,824	10,666
NEW ENGLAND-----	-	1	1	3	-	-	47	21	367	179	1,055	824
Maine-----	-	-	-	-	-	-	2	-	15	12	37	92
New Hampshire-----	-	-	-	-	-	-	7	-	16	-	32	2
Vermont-----	-	-	-	-	-	-	2	-	76	5	97	3
Massachusetts-----	-	1	1	2	-	-	9	8	114	87	506	400
Rhode Island-----	-	-	1	-	-	-	9	4	51	36	234	19
Connecticut-----	-	-	-	-	-	-	18	9	95	39	149	308
MIDDLE ATLANTIC-----	-	-	3	5	4	5	275	73	1,579	460	1,935	1,647
New York-----	-	-	2	1	3	3	70	33	651	214	857	1,392
New Jersey-----	-	-	-	-	1	1	70	8	276	35	335	137
Pennsylvania-----	-	-	1	4	-	1	135	32	652	211	743	118
EAST NORTH CENTRAL-----	-	1	2	12	-	1	265	161	2,159	901	3,653	2,681
Ohio-----	-	-	8	-	-	1	109	57	906	233	1,013	260
Indiana-----	-	1	-	2	-	-	52	24	287	127	310	318
Illinois-----	-	-	1	1	-	-	42	32	336	206	512	998
Michigan-----	-	-	1	1	-	-	49	43	563	269	473	592
Wisconsin-----	-	-	-	-	-	-	13	5	67	66	1,345	513
WEST NORTH CENTRAL-----	1	-	8	9	1	-	185	163	1,164	509	445	232
Minnesota-----	-	-	4	2	-	-	64	6	278	46	4	82
Iowa-----	-	-	1	1	-	-	42	20	256	92	122	27
Missouri-----	-	-	-	1	1	-	24	61	264	153	255	4
North Dakota-----	-	-	-	1	-	-	11	3	30	55	63	90
South Dakota-----	1	-	3	3	-	-	11	59	77	84	-	25
Nebraska-----	-	-	-	-	-	-	17	4	107	41	1	4
Kansas-----	-	-	-	1	-	-	16	10	152	38	NN	NN
SOUTH ATLANTIC-----	2	2	20	34	5	1	216	108	1,276	619	1,242	658
Delaware-----	-	-	-	-	-	-	2	9	33	31	133	13
Maryland-----	-	-	-	-	-	-	23	9	114	53	39	97
District of Columbia-----	-	-	-	-	-	-	4	-	11	5	7	34
Virginia-----	-	-	5	5	1	-	22	18	150	148	189	319
West Virginia-----	-	-	1	1	-	-	41	21	303	129	114	66
North Carolina-----	1	-	3	1	-	1	58	3	268	26	260	32
South Carolina-----	-	-	-	12	-	-	7	4	121	17	249	8
Georgia-----	-	-	3	2	-	-	21	-	127	63	53	-
Florida-----	1	2	8	13	4	-	38	44	149	147	198	89
EAST SOUTH CENTRAL-----	-	1	3	13	-	-	336	110	2,075	939	1,612	1,103
Kentucky-----	-	-	2	-	-	-	119	44	701	453	976	280
Tennessee-----	-	1	1	2	-	-	125	33	905	271	479	587
Alabama-----	-	-	-	6	-	-	52	25	313	170	110	146
Mississippi-----	-	-	-	5	-	-	40	8	156	45	47	90
WEST SOUTH CENTRAL-----	7	12	99	47	1	2	148	37	728	357	332	1,705
Arkansas-----	-	1	-	1	-	-	45	3	145	24	27	5
Louisiana-----	1	1	9	8	-	-	4	3	24	18	-	3
Oklahoma-----	-	-	2	4	-	-	7	2	74	47	-	33
Texas-----	6	10	88	34	1	2	92	29	485	268	305	1,664
MOUNTAIN-----	-	-	3	20	-	-	101	70	801	506	417	576
Montana-----	-	-	2	-	-	-	21	-	116	22	28	51
Idaho-----	-	-	-	11	-	-	6	13	51	78	43	153
Wyoming-----	-	-	-	5	-	-	2	-	11	4	4	5
Colorado-----	-	-	1	2	-	-	32	10	301	129	78	62
New Mexico-----	-	-	-	-	-	-	15	12	60	95	-	-
Arizona-----	-	-	-	-	-	-	3	26	73	118	200	60
Utah-----	-	-	-	2	-	-	21	6	162	51	62	242
Nevada-----	-	-	-	-	-	-	1	3	27	9	2	3
PACIFIC-----	-	-	-	1	5	6	170	85	1,306	658	1,133	1,240
Washington-----	-	-	-	-	1	-	30	6	159	71	269	399
Oregon-----	-	-	-	-	-	-	34	27	252	146	109	185
California-----	-	-	-	-	4	6	103	49	835	405	742	310
Alaska-----	-	-	-	1	-	-	3	-	48	15	2	11
Hawaii-----	-	-	-	-	-	-	-	3	12	21	11	335
Puerto Rico-----	1	4	1	28	-	-	16	13	49	139	33	34

NN-Not Notifiable

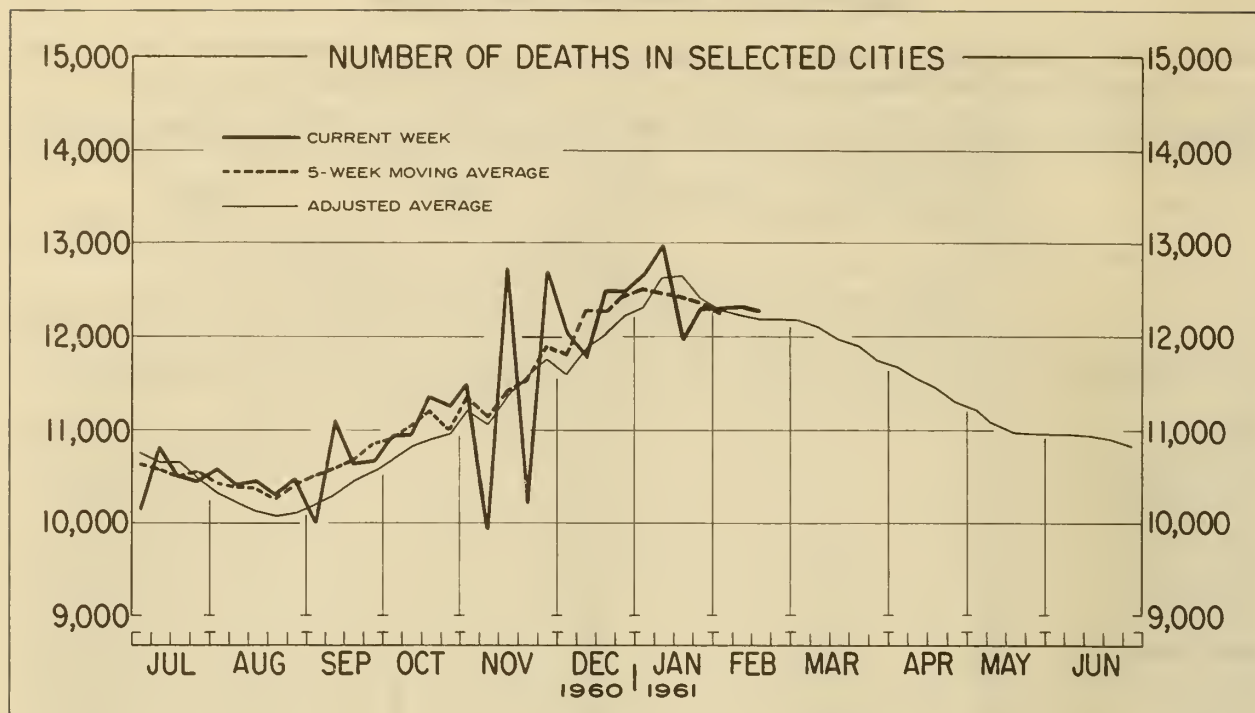
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 20, 1960 AND FEBRUARY 18, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria	Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117	057		096.2	050,051	7th Week		Cumulative, first 7 weeks		101		
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES-----	2	34	57	2	9,893	8	12	53	63	1	62	72
NEW ENGLAND-----	-	-	7	-	563	-	-	-	1	-	-	-
Maine-----	-	-	1	-	13	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	11	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	16	-	-	-	-	-	-	-
Massachusetts-----	-	-	2	-	243	-	-	-	1	-	-	-
Rhode Island-----	-	-	-	-	33	-	-	-	-	-	-	-
Connecticut-----	-	-	4	-	247	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	1	9	11	-	738	1	-	5	4	-	3	9
New York-----	-	-	7	-	397	-	-	1	2	-	3	8
New Jersey-----	-	7	4	-	171	1	-	1	-	-	-	-
Pennsylvania-----	1	2	-	-	170	-	-	3	2	-	-	1
EAST NORTH CENTRAL-----	-	7	8	-	1,235	1	1	5	5	-	6	1
Ohio-----	-	2	1	-	314	1	1	3	1	-	2	-
Indiana-----	-	1	3	-	296	-	-	-	1	-	-	-
Illinois-----	-	2	3	-	114	-	-	-	1	-	-	-
Michigan-----	-	1	1	-	258	-	-	1	2	-	4	1
Wisconsin-----	-	1	-	-	253	-	-	1	-	-	-	-
WEST NORTH CENTRAL-----	-	1	-	-	345	2	-	4	6	-	13	11
Minnesota-----	-	-	-	-	20	2	-	2	-	-	5	-
Iowa-----	-	-	-	-	106	-	-	-	-	-	4	3
Missouri-----	-	-	-	-	35	-	-	2	6	-	3	6
North Dakota-----	-	-	-	-	120	-	-	-	-	-	-	1
South Dakota-----	-	-	-	-	2	-	-	-	-	-	1	-
Nebraska-----	-	1	-	-	3	-	-	-	-	-	-	1
Kansas-----	-	-	-	-	59	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	1	3	8	1	670	2	5	9	14	-	10	8
Delaware-----	-	-	-	-	9	-	-	-	-	-	-	-
Maryland-----	-	-	1	-	27	-	-	-	-	-	-	-
District of Columbia-----	1	-	-	-	5	-	-	-	-	-	-	-
Virginia-----	-	1	-	1	120	-	-	-	3	-	5	5
West Virginia-----	-	2	1	-	256	-	-	1	-	-	3	-
North Carolina-----	-	-	4	-	58	1	-	2	5	-	1	2
South Carolina-----	-	-	1	-	33	-	5	1	5	-	-	-
Georgia-----	-	-	-	-	23	1	-	4	-	-	-	-
Florida-----	-	-	1	-	139	-	-	1	1	-	1	1
EAST SOUTH CENTRAL-----	-	3	9	1	1,980	-	3	10	16	-	7	7
Kentucky-----	-	2	4	-	668	-	-	1	3	-	3	3
Tennessee-----	-	-	2	1	1,228	-	3	7	11	-	3	2
Alabama-----	-	-	-	-	9	-	-	2	2	-	1	2
Mississippi-----	-	1	3	-	75	-	-	-	-	-	-	-
WEST SOUTH CENTRAL-----	-	8	6	-	1,290	1	2	6	9	1	20	33
Arkansas-----	-	-	-	-	20	-	-	-	2	-	4	7
Louisiana-----	-	3	-	-	6	1	2	2	4	-	4	5
Oklahoma-----	-	-	1	-	18	-	-	1	1	-	-	-
Texas-----	-	5	5	-	1,246	-	-	3	2	1	12	21
MOUNTAIN-----	-	-	1	-	1,803	1	-	8	5	-	-	1
Montana-----	-	-	-	-	28	-	-	1	4	-	-	-
Idaho-----	-	-	-	-	187	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	82	-	-	-	-	-	-	-
Colorado-----	-	-	1	-	471	-	-	4	-	-	-	-
New Mexico-----	-	-	-	-	453	-	-	1	1	-	-	-
Arizona-----	-	-	-	-	250	1	-	1	-	-	-	1
Utah-----	-	-	-	-	322	-	-	1	-	-	-	-
Nevada-----	-	-	-	-	10	-	-	-	-	-	-	-
PACIFIC-----	-	3	7	-	1,269	-	1	6	3	-	3	2
Washington-----	-	-	-	-	751	-	-	1	-	-	-	-
Oregon-----	-	-	1	-	90	-	-	-	-	-	-	-
California-----	-	3	5	-	390	-	1	5	3	-	3	2
Alaska-----	-	-	-	-	36	-	-	-	-	-	-	-
Hawaii-----	-	-	1	-	2	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	7	1	5	1	12	-	-	2



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates re-

ceived during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	7th week ended Feb. 18, 1961	6th week ended Feb. 11, 1961	Adjusted average, 7th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 7 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	12,261	12,518	12,184	+0.6	86,987	93,418	-6.9
New England----- (14 cities)	789	791*	737	+7.1	5,397	6,077	-11.2
Middle Atlantic----- (20 cities)	3,565	3,525	3,340	+6.7	24,726	24,637	+0.4
East North Central----- (21 cities)	2,596*	2,708	2,598	-0.1	18,270	20,584	-11.2
West North Central----- (9 cities)	822	946	887	-7.3	5,844	6,510	-10.2
South Atlantic----- (11 cities)	1,101	1,032	1,057	+4.2	7,745	8,206	-5.6
East South Central----- (8 cities)	583	565	552	+5.6	4,048	4,213	-3.9
West South Central----- (13 cities)	1,002*	1,116	1,104	-9.2	7,656	8,423	-9.1
Mountain----- (8 cities)	373*	383	362	+3.0	2,645	2,784	-5.0
Pacific----- (13 cities)	1,430	1,452	1,547	-7.6	10,656	11,984	-11.1

*Includes estimate for missing reports.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	7th week ended Feb. 18, 1961	6th week ended Feb. 11, 1961	Cumulative, first 7 weeks		Area	7th week ended Feb. 18, 1961	6th week ended Feb. 11, 1961	Cumulative, first 7 weeks	
			1961	1960				1961	1960
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	265	260	1,878	2,056	St. Louis, Mo.-----	254	282	1,755	2,039
Bridgeport, Conn.-----	40	45	304	342	St. Paul, Minn.-----	67	84	493	611
Cambridge, Mass.-----	24	41	213	261	Wichita, Kans.-----	35	52	320	360
Fall River, Mass.-----	35	28	189	245	SOUTH ATLANTIC:				
Hartford, Conn.-----	49	51	352	390	Atlanta, Ga.-----	126	127	940	959
Lowell, Mass.-----	29	19	178	187	Baltimore, Md.-----	287	259	1,881	2,099
Lynn, Mass.-----	23	30	165	210	Charlotte, N.C.-----	42	29	265	352
New Bedford, Mass.-----	27	25	201	222	Jacksonville, Fla.-----	57	51	472	525
New Haven, Conn.-----	59	55	357	388	Miami, Fla.-----	95	74	551	612
Providence, R.I.-----	65	74	456	555	Norfolk, Va.-----	53	52	360	388
Somerville, Mass.-----	14	15	89	124	Richmond, Va.-----	101	93	658	659
Springfield, Mass.-----	55	56	375	419	Savannah, Ga.-----	33	41	285	300
Waterbury, Conn.-----	36	27	205	214	St. Petersburg, Fla.-----	(71)	(95)	(571)	(601)
Worcester, Mass.-----	68	65	435	464	Tampa, Fla.-----	71	75	538	486
MIDDLE ATLANTIC:					Washington, D.C.-----	194	207	1,502	1,507
Albany, N.Y.-----	33	53	370	305	Wilmington, Del.-----	42	24	293	319
Allentown, Pa.-----	32	36	256	245	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	136	151	1,031	1,222	Birmingham, Ala.-----	102	81	672	679
Camden, N.J.-----	43	38	293	366	Chattanooga, Tenn.-----	54	42	392	366
Elizabeth, N.J.-----	26	29	223	205	Knoxville, Tenn.-----	25	46	226	257
Erie, Pa.-----	46	43	295	266	Louisville, Ky.-----	102	123	841	921
Jersey City, N.J.-----	67	64	546	563	Memphis, Tenn.-----	158	131	921	871
Newark, N.J.-----	107	117	780	727	Mobile, Ala.-----	33	43	298	324
New York City, N.Y.-----	1,828	1,885	12,581	12,188	Montgomery, Ala.-----	37	35	254	282
Paterson, N.J.-----	42	48	294	324	Nashville, Tenn.-----	72	64	444	513
Philadelphia, Pa.-----	534	560	3,873	3,758	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	285	125	1,502	1,678	Austin, Tex.-----	34	48	265	331
Reading, Pa.-----	25	28	175	180	Baton Rouge, La.-----	22	30	237	237
Rochester, N.Y.-----	105	106	775	837	Corpus Christi, Tex.-----	24	28	191	235
Schenectady, N.Y.-----	29	27	181	193	Dallas, Tex.-----	118	130	921	996
Scranton, Pa.-----	44	46	292	305	El Paso, Tex.-----	37	45	289	349
Syracuse, N.Y.-----	62	58	438	502	Fort Worth, Tex.-----	55	89	472	531
Trenton, N.J.-----	50	45	332	312	Houston, Tex.-----	179	163	1,342	1,401
Utica, N.Y.-----	26	28	230	220	Little Rock, Ark.-----	49	55	406	462
Yonkers, N.Y.-----	45	38	259	241	New Orleans, La.-----	174	187	1,302	1,462
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	77	89	613	621
Akron, Ohio-----	55	76	439	450	San Antonio, Tex.-----	115	100	787	919
Canton, Ohio-----	38	38	230	289	Shreveport, La.-----	63	67	394	403
Chicago, Ill.-----	772	810	5,538	6,445	Tulsa, Okla.-----	55*	85	437	476
Cincinnati, Ohio-----	158	183	1,183	1,319	MOUNTAIN:				
Cleveland, Ohio-----	236	214	1,559	1,840	Albuquerque, N. Mex.-----	39	32	236	256
Columbus, Ohio-----	128	114	856	961	Colorado Springs, Colo.-----	7	18	113	137
Dayton, Ohio-----	72	103	630	581	Denver, Colo.-----	127	109	830	989
Detroit, Mich.-----	371	363	2,456	2,848	Ogden, Utah-----	17*	12	103	133
Evansville, Ind.-----	40	43	263	268	Phoenix, Ariz.-----	63	96	604	540
Flint, Mich.-----	42*	49	310	303	Pueblo, Colo.-----	17	19	113	105
Fort Wayne, Ind.-----	48	46	303	305	Salt Lake City, Utah-----	57	57	358	376
Gary, Ind.-----	31	36	223	243	Tucson, Ariz.-----	46	40	288	248
Grand Rapids, Mich.-----	52	56	329	333	PACIFIC:				
Indianapolis, Ind.-----	155	163	1,068	1,088	Berkeley, Calif.-----	20	11	113	135
Madison, Wis.-----	37	39	219	226	Fresno, Calif.-----	(51)	(51)	(318)	(413)
Milwaukee, Wis.-----	101	139	903	1,046	Glendale, Calif.-----	(25)	(33)	(238)	(342)
Peoria, Ill.-----	27	34	211	234	Honolulu, Hawaii-----	43	27	297	291
Rockford, Ill.-----	40	34	209	223	Long Beach, Calif.-----	61	55	437	436
South Bend, Ind.-----	26	28	204	249	Los Angeles, Calif.-----	534	537	3,880	4,602
Toledo, Ohio-----	107	89	729	868	Oakland, Calif.-----	75	98	733	763
Youngstown, Ohio-----	60	51	408	465	Pasadena, Calif.-----	23	47	226	297
WEST NORTH CENTRAL:					Portland, Oreg.-----	108	96	717	812
Des Moines, Iowa-----	55	56	376	443	Sacramento, Calif.-----	65	65	488	527
Duluth, Minn.-----	23	31	194	231	San Diego, Calif.-----	90	102	639	786
Kansas City, Kans.-----	45	42	297	277	San Francisco, Calif.-----	186	200	1,537	1,644
Kansas City, Mo.-----	136	158	973	998	San Jose, Calif.-----	(40)	(31)	(241)	(213)
Lincoln, Nebr.-----	(35)	(20)	(213)	(203)	Seattle, Wash.-----	131	131	951	1,024
Minneapolis, Minn.-----	131	146	919	958	Spokane, Wash.-----	47	40	325	327
Omaha, Nebr.-----	76	95	517	593	Tacoma, Wash.-----	47	43	313	340
*Estimate - based on average percentage of divisional total.					San Juan, P. R.-----	(---)	(36)	(---)	(---)
() Figures shown in parenthesis are from cities which have									

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

INTERNATIONAL NOTES

England and Wales

The Weekly Influenza Statement — 1961, No. 7, issued by the Ministry of Health, London, reported that 1,393 influenza deaths were recorded for the week ending February 11, 1961, a slight increase over the total reported the previous week (1,219). During the comparable week in 1960, only 38 influenza deaths were reported. The total of deaths due to pneumonia, influenza, and bronchitis reported this week, 5,170, is almost identical to that reported the previous week, 5,168, but compares to only 1,400 such deaths in the comparable week last year. The report indicated that the epidemic, confirmed to be caused by influenza A₂ virus, has declined in the Midlands and North of England, but has become more prominent in the southern parts of the country.

Ireland

The epidemic there, now waning, appears to have been widespread, and the incidence was higher than in 1957. Mortality was not high, and was confined largely to the elderly and the chronically ill. (WHO Weekly Epidemiological Record, No. 6, February 10, 1961.)

Norway

According to a report to the World Health Organization from Dr. Atild Harbae, State Institute of Public Health, Norway, an epidemic of influenza occurred at Odda, in Hardanger, beginning early in January and lasting the rest of the month. Attack rates were particularly high in the 10-20 year age group, and school absenteeism exceeded 50 percent, although the disease was clinically mild. Paired sera showed HI titer rises to influenza B. Spread of the epidemic to neighboring districts has been reported.

QUARANTINE MEASURES

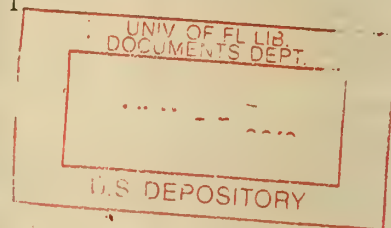
Immunization Information for International Travel - 1960 edition

Page 62 — Delete the information concerning the Yellow Fever Vaccination Center located at the Avon Refinery Dispensary, Avon, California, and insert the following:

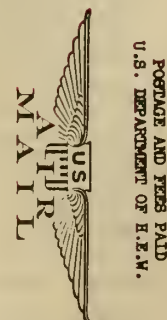
City	Center	Clinic Hours	Fee
California	Tidewater Oil Company	Monday — Friday,	No
Martinez	Tel. Academy 8-1220	1:30 — 2:30 p. m.	

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.



U. S. DEPARTMENT OF
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Communicable Disease Center
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